

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

136 Main Street, Suite 401 New Britain, Connecticut 06051 Phone: 827-7682

July 15, 1992

Peter J. Tyrrell, Esq. Senior Attorney SNET Cellular, Inc. 227 Church Street New Haven, CT 06506

RE: Springwich Cellular Limited Partnership (SCLP) Notice of Intent to modify an exempt tower and associated equipment for facilities operated by SCLP located on Birch Mountain Road, Glastonbury; Shuttle Meadow Road, Southington; Town Farm Road, Enfield; Prestige Park Road, East Hartford; 55

Trumbull Street, Hartford; Mountain Road, Hartford; Beckley Road, Berlin; Kikapoo Road, Middlefield; and 391
Niederwerfer Road, South Windsor, Connecticut.

Dear Attorney Tyrrell:

At a meeting held on July 15, 1992, the Connecticut Siting Council acknowledged your notice of exempt modifications at existing tower sites operated by Springwich Cellular Limited Partnership in the cities and towns listed above.

As proposed in your notice dated June 15, 1992, the modifications are in compliance with the exception criteria specified in Regulations of State Agencies 16-50j-72 for changes to the existing facility sites that do not increase the tower height, extend the boundary of the tower site, increase noise levels at the tower site boundary by 6 decibels, and add radio frequency transmitting capability which increases the total power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to Section 22a-162 of the Connecticut General Statutes.

The Council is pleased to note that the shared use of existing towers meets the Council's long-term goal and the public interest to avoid proliferation of additional tower structures.

Very truly yours,

Maliner A. Meleter func

Mortimer A. Gelston Chairman

MAG/bd

6257E

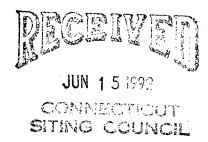
Southern New England Telephone 227 Church Street New Haven, Connecticut 06510 Phone (203) 771-7381



Peter J. Tyrrell Senior Attorney

June 15, 1992

Mortimer A. Gelston, Chairman Connecticut Siting Council 136 Main Street, Suite 401 New Britain, Connecticut 06051



Dear Honorable Chairman Gelston:

Enclosed please find a Notice of Intent to Modify an Exempt Tower and Associated Equipment for facilities operated by Springwich Cellular Limited Partnership (SCLP). SNET Cellular, Inc., general partner of SCLP, proposes an equipment upgrade at some of the previously authorized cell sites located in the Hartford MSA (also referred to as NECMA). The upgrade will accommodate more channels and involve a change from omni-directional to directional antennas for improved interference control. On the monopoles, the directional antennas will be mounted on the platform in place of the radomes.

Attached are pages detailing the required information. As is shown in the attachments, the proposed changes meet all the necessary criteria established in the Regulations of Connecticut State Agencies, Section 16-50j-72(b)(2) and are thus exempt facilities pursuant to Section 16-50j-73.

Please record me as counsel for SCLP in this matter and in all correspondence from the Council.

Thank you for your cooperation.

-Tynell

Sincerely,

Attachments

cc: See page 2.

As required by the Public Utility Environmental Standards Act, Section 16-50L(b), a copy of this application has been sent, by messenger or by certified mail, to:

- Honorable Richard S. Borden, Jr., Town Manager, Town of Glastonbury, 2155 Main Street, 06033
- Honorable Anthony E. D'Angelo, First Selectman, Town of Southington, Town Office Bldg., 75 Main Street, 06489
- Honorable A. Louis Hayward, Town Manager, Town of Enfield, 820 Enfield Street, 06082
- Honorable Susan G. Kniep, Mayor, Town of East Hartford, Town Hall, 740 Main Street, 06108
- Honorable Carrie Saxon Perry, Mayor, Town of Hartford, Municipal Bldg., 550 Main Street, 06103
- Honorable Robert J. Peters, Mayor, Town of Berlin, P.O. Box 1, Kensington, 06037
- Honorable David G. Webster, First Selectman, Town of Middlefield, Town Administration Bldg., 393 Jackson Hill Road, 06455
- Honorable Jean E. Zubrigen, Town Manager, Town of South Windsor, Town Hall, 1540 Sullivan Avenue, 06074

HARTFORD-SOUTH



JUN 1 5 1992

CONNECTICUT SITING COUNCIL

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Mountain Road, Hartford, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power densities in the cellular and paging frequency bands are shown below. The levels shown indicate the total power density in milliwatts per square centimeter.

		DISTANCE	POWER_D	ENSITY AT SITE	BOUNDARY IN	mW/cm ²	
<u>SERVICE</u>	LOCATION HEIGHT AMSL FT.	TO ANTENNA CENTERLINE FEET	EXISTING	INCREASE	<u>TOTAL</u>	CONNECTICUT STANDARD	PERCENT OF _STANDARD
Cellular Paging	286 286	103.94 110.82	0.20584 0.04576	0.08536 0.0	0.29125 0.04576	2.933 3.103	9.93 1.47

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation in the cellular and paging frequency bands are 2.933 and 3.103 milliwatts/cm², respectively. The levels demonstrated in this case are well below the standard levels.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

DECEMBER 15 1992

<u>GLASTONBURY</u>

JUN 1 5 1992 CONNECTICUT SITING COUNCIL

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Birch Mountain Road, Glastonbury, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

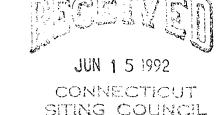
The power densities in the cellular and paging frequency bands are shown below. The levels shown indicate the total power density in milliwatts per square centimeter.

		DISTANCE	POWER DE	ENSITY AT SIT	E BOUNDARY IN	l mW/cm ²	
	LOCATION HEIGHT	TO ANTENNA CENTERLINE				CONNECTICUT	PERCENT OF
SERVICE	AMSL FT.	FEET	EXISTING	INCREASE	TOTAL	STANDARD	STANDARD
Cellular	864	127.39	0.14429	0.04960	0.19389	2.933	6.61
Paging	864	132.38	0.03207	0.0	0.03207	3.103	1.03

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation in the cellular and paging frequency bands are 2.933 and 3.103 milliwatts/cm², respectively. The levels demonstrated in this case are well below the standard levels.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

SOUTHINGTON



Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Shuttle Meadow Road, Southington, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power density in the cellular frequency band is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

	LOCATION	DISTANCE TO ANTENNA	POWER DI	ENSITY AT SIT	E BOUNDARY IN	I mW/cm ²	
SERVICE	HEIGHT AMSL FT.	CENTERLINE FEET	EXISTING	INCREASE	TOTAL	CONNECTICUT STANDARD	PERCENT OF STANDARD
Cellular	483	152.47	0.09945	0.03590	0.13535	2.933	4.61

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency band is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard level.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

ENFIELD

CONNECTIONS CONNECTIONS CELLS CANDELL

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Town Farm Road, Enfield, Connecticut.

DISCUSSION

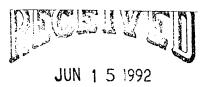
The proposed change will not increase the overall height of the existing tower.

The power densities in the cellular and paging frequency bands are shown below. The levels shown indicate the total power density in milliwatts per square centimeter.

		DISTANCE	POWER D	ENSITY AT SIT	E BOUNDARY II	1 mW/cm ²	
	LOCATION	TO ANTENNA					
	HEIGHT	CENTERLINE				CONNECTICUT	PERCENT OF
SERVICE	AMSL FT.	FEET	EXISTING	INCREASE	<u>TOTAL</u>	STANDARD	STANDARD
Cellular	157	153.26	0.09725	0.03671	0.13396	2.933	4.57
Paging	157	161.25	0.02161	0.0	0.02161	3.103	0.70

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation in the cellular and paging frequency bands are 2.933 and 3.103 milliwatts/cm², respectively. The levels demonstrated in this case are well below the standard levels.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.



EAST HARTFORD

CONNECTICUT SITING COUNCIL

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Prestige Park Road, East Hartford, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power density in the cellular frequency band is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

		DISTANCE	POWER DI	ENSITY AT SIT	E BOUNDARY IN	mW/cm ²	
	LOCATION	TO ANTENNA					
SERVICE	HEIGHT AMSL FT.	CENTERLINE FEET	EXISTING	INCREASE	TOTAL	CONNECTICUT STANDARD	PERCENT OF STANDARD
Cellular	70	152.47	0.09945	0.03590	0.13535	2.933	4.61

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency band is 2.933 milliwatts/cm 2 . The level demonstrated in this case is well below the standard level.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

POSTIVED

HARTFORD-CENTRAL

JUN 1 5 1992 COMMECTICUT SITING COUNCIL

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located at 55 Trumbull Street, Hartford, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing telecommunications facility.

The power density in the cellular frequency band is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

		DISTANCE	POWER DE	NSITY AT SIT	BOUNDARY IN	l mW/cm ²	
	LOCATION	TO ANTENNA					
SERVICE	HEIGHT	CENTERLINE	EVIOTINO.			CONNECTICUT	PERCENT OF
SERVICE	AMSL FT.	<u>FEET</u>	EXISTING	<u>INCREASE</u>	TOTAL	STANDARD	STANDARD
Cellular	33	212.72	0.05588	0.01366	0.06954	2.933	2.37

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency band is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard level.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

BERLIN



JUN 1 5 1992

CONNECTICUT SITING COUNCIL

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Beckley Road, Berlin, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

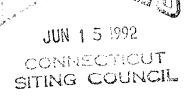
The power density in the cellular frequency band is set forth below. The level shown indicates the total power density in milliwatts per square centimeter.

	LOCATION	DISTANCE TO ANTENNA	POWER DI	ENSITY AT SIT	E BOUNDARY IN	! mW/cm ²	
SERVICE	HEIGHT AMSL FT.	CENTERLINE FEET	EXISTING	INCREASE	<u>TOTAL</u>	CONNECTICUT STANDARD	PERCENT OF STANDARD
Cellular	188	150.33	0.01519	0.12404	0.13923	2.933	4.74

The current Connecticut (and ANSI) power density level standard for non-ionizing radiation in the cellular frequency band is 2.933 milliwatts/cm². The level demonstrated in this case is well below the standard level.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

MIDDLEFIELD



Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located on Kikapoo Road, Middlefield, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power densities in the cellular and paging frequency bands are shown below. The levels shown indicate the total power density in milliwatts per square centimeter.

		DISTANCE	POWER DI	ENSITY AT SITE	E BOUNDARY I	N mW/cm ²	
SERVICE	LOCATION HEIGHT AMSL FT.	TO ANTENNA CENTERLINE FEET	EXISTING	INCREASE	<u>TOTAL</u>	CONNECTICUT STANDARD	PERCENT OF STANDARD
Cellular Paging	774 774	76.94 86.83	0.33536 0.07452	0.19617 0.0	0.53153 0.07452	2.933 3.103	18.12 2.40

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation in the cellular and paging frequency bands are 2.933 and 3.103 milliwatts/cm², respectively. The levels demonstrated in this case are well below the standard levels.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.

JUN 1 5 1992

SOUTH WINDSOR

CONNECTICUT SITING COUNCIL

Pursuant to Section 16-50i(a)(5) of the Connecticut General Statutes and Section 16-50j-72(b)(2), as amended, of the Regulations of Connecticut State Agencies, Springwich Cellular Limited Partnership (SCLP) hereby notifies the Connecticut Siting Council that it intends to modify an existing telecommunications facility by increasing the channel capacity from 45 to 56 channels. SCLP also proposes to change the antenna system from 13 foot omni-directional to 4 foot directional antennas for improved interference control. The site is located at 391 Niederwerfer Road, South Windsor, Connecticut.

DISCUSSION

The proposed change will not increase the overall height of the existing tower.

The power densities in the cellular and paging frequency bands are shown below. The levels shown indicate the total power density in milliwatts per square centimeter.

		DISTANCE	mW/cm ²				
	LOCATION	TO ANTENNA					
	HEIGHT	CENTERLINE				CONNECTICUT	PERCENT OF
SERVICE	AMSL FT.	FEET	EXISTING	INCREASE	TOTAL	STANDARD	STANDARD
Cellular	400	83.36	0.31041	0.14241	0.45282	2.933	15.44
Paging	400	90.26	0.06898	0.0	0.06898	3.103	2.22

The current Connecticut (and ANSI) power density level standards for non-ionizing radiation in the cellular and paging frequency bands are 2.933 and 3.103 milliwatts/cm², respectively. The levels demonstrated in this case are well below the standard levels.

The proposed change does not constitute a "modification" of an existing facility as defined in Connecticut General Statutes, Section 16-50i(d). This is because there is no change in the tower's height. There is no extension of the boundaries of the tower site. There will be no increase in noise levels at the tower's boundary by six decibels or more, and the total radio frequency electromagnetic radiation is not at or above the standard set forth in Section 22(a)-162 of the Connecticut General Statutes. This change will not have a substantially adverse environmental effect.